



# Surveying/Geomatics A.S. Degree

This program map represents one possible path for completing this program. **Please see a counselor** to create an educational plan that is customized to meet your needs. This path is not a guarantee of course availability or financial aid applicability.

**Catalog:** 2025-26

**Total Units:** 60-62

## First Year

### Semester 1

14-15 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
Maj	SURVY 300	Elementary Surveying	4	
ME	SURVY 310 <sup>+</sup> / 360	Survey Map Production	3-4	
GE	INDIS 313 <sup>*</sup>	Freshman Seminar	3	L7B
GE		**Mathematical Concepts & Quantitative Reasoning	4	L2

**+Prerequisite for SURVY 310:** EDT 310 with a grade of "C" or better

**\*INDIS 313 - Freshman Seminar is specifically designed for First Time in College students. If you're not a First Time in College student, please select a GE course from SCC Local AA/AS General Education Area L7B, such as HCD 310-College Success.**

**\*\*Choose one of the recommended courses under your STEM placements (check your eServices account).**

### Semester 2

15-16 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
Maj	SURVY 320 <sup>+</sup>	Advanced Survey	4	
Maj	SURVY 330	Special Surveying Projects	4	
GE	ENGL C1000 <sup>*</sup> / ENGWR 488 <sup>H</sup> / ESLW 340	Academic Reading & Writing	3-4	L1A
GE		Arts & Humanities	3	L3
GE		Physical Education	1	L7A

**+Prerequisite for SURVY 320:** SURVY 300 with a grade of "C" or better

**\*If you don't place directly in ENGL C1000 (check your eServices account), you will need to take ENGWR 80/ENGL C1000 combo course.**

### Legend

- (H) - Honors
- Elec - Elective
- GE - General Education
- Maj - Required Core
- ME - Major Elective

### Disclaimer

Every effort has been made to ensure that what is listed in the SCC Program Paths are accurate. The courses, the course sequencing, and the programs are subject to change without notice by the administration of the Los Rios Community College District and Sacramento City College at the discretion of the district and Sacramento City College. Further, Sacramento City College reserves the right to amend any course or program.

**PLEASE SEE AN SCC COUNSELOR.**

### AA/AS Requirements

**Associate Degrees require the following:**

1. Completion of a minimum of 60 degree-applicable units with an overall grade point average (GPA) of 2.0 ("C" average). A minimum of 12 units must be completed within the Los Rios Community College District.
2. Completion of each required course with a grade of "C" or better for a major offered at Sacramento City College.
3. Completion of Sacramento City College's local AA/AS degree general education requirements – Area L1A and L1B; Area L2; Area L3; Area L4; Area L5; Area L6; Area L7A and L7B – with an overall 2.0 GPA. Students also have an option of completing the California General Education Transfer Curriculum (Cal-GETC) instead of the local general education pattern.

Students with Advanced Placement (AP) and International Baccalaureate Credit (IB) test scores should notify their Counselor to learn more about how test scores may be used for credit.

## Second Year

## Semester 3

15 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
Maj	SURVY 340 <sup>+</sup>	Photogrammetry	3	
Maj	SURVY 350	Boundary Control and Legal Principles	4	
GE		Social & Behavioral Sciences	3	L4
GE		Oral Communication & Critical Thinking	3	L1B
Elec		*Elective	2	

**+Prerequisite for SURVY 340:** SURVY 320 with a grade of "C" or better

\*Electives may include any courses numbered 100-499.

## Semester 4

16 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
Maj	SURVY 352 <sup>+</sup>	Evidence and Procedures for Boundary Location	4	
GE		Ethnic Studies	3	L6
GE		Natural Sciences	3	L5
Elec		*Elective	3	
Elec		*Elective	3	

**+Prerequisite for SURVY 352:** SURVY 350 with a grade of "C" or better

\*Electives may include any courses numbered 100-499.

*Exception: Students who possess a bachelor's (BA/BS) or higher degree from a college or university accredited through a regional accrediting agency recognized by the Council for Higher Education Accreditation (CHEA) are deemed to have satisfied both the general education and graduation competency requirements for an AA/AS degree. Degrees from accredited institutions outside of the US will be evaluated on a case-by-case basis.*

### Placement Information

Support courses required for English and Math per placement. **Check your e-Services account under "Academic Records" to determine your placements.**

### Important Links

[SCC General Counseling](#)

[Engineering Design Technology - Surveying/Geomatics](#)

[Science, Math, & Engineering Meta Majors](#)